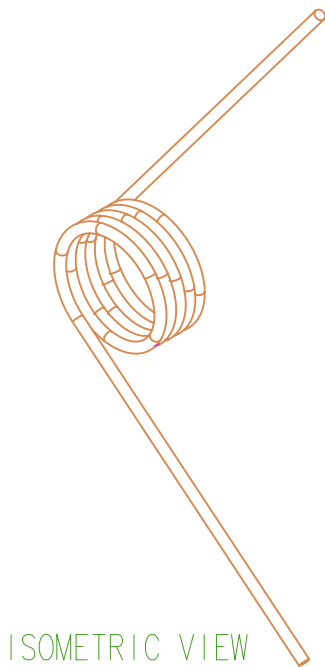
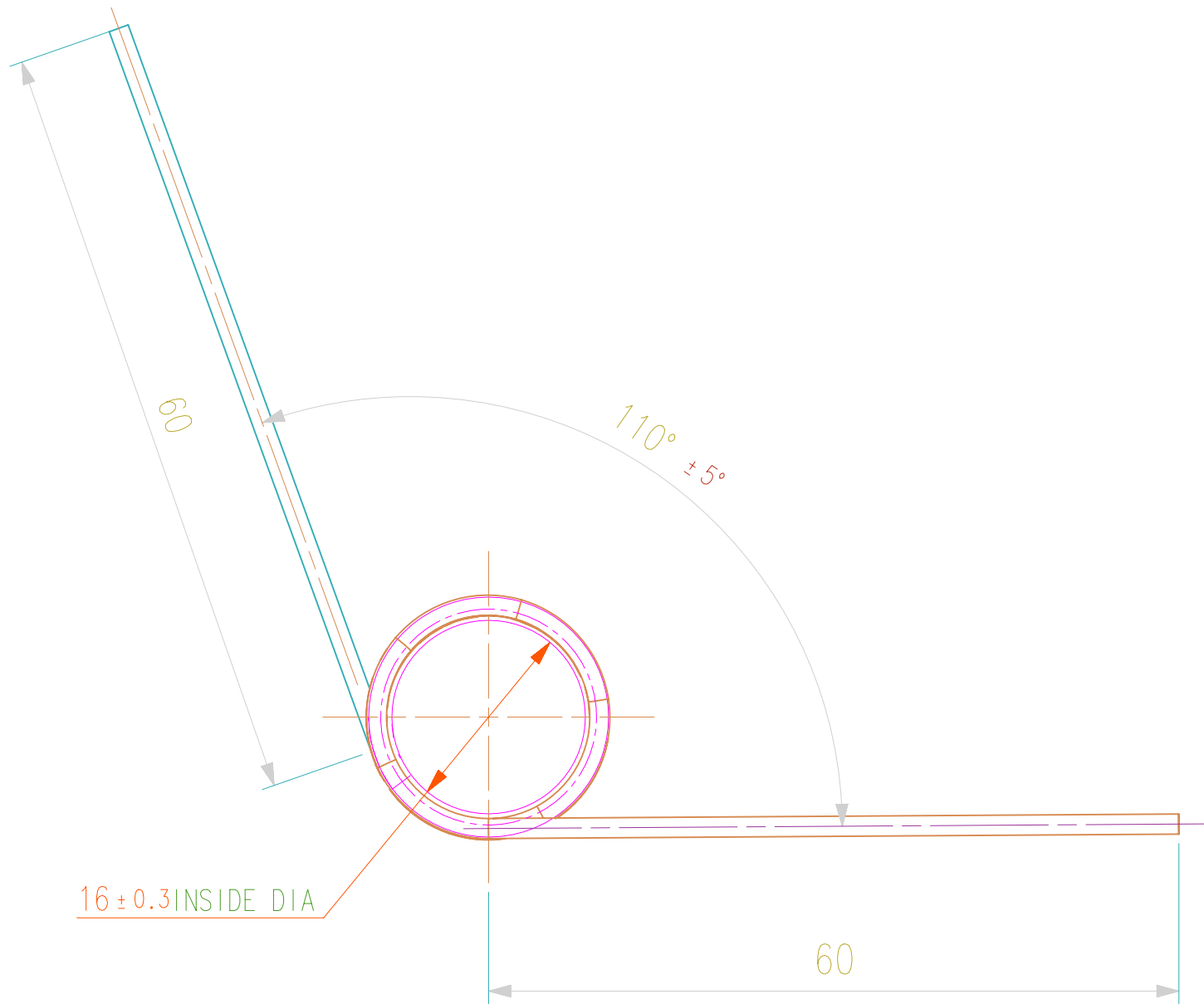
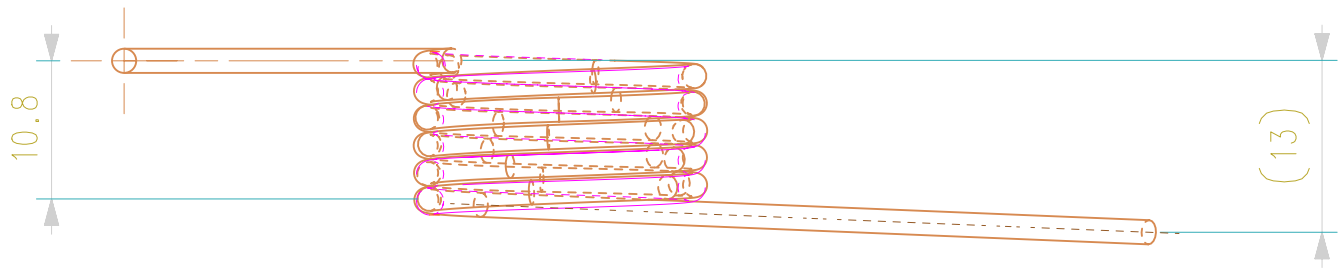
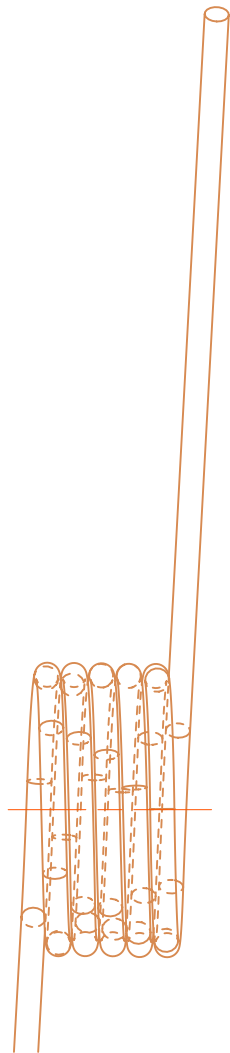




ISOMETRIC VIEW
SCALE 1:2

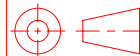


SPRING DATA

DIA OF WIRE	1.80 mm
MEAN DIA	17.8 mm
INSIDE DIA	16.0 mm
OUTSIDE DIA	19.6 mm
TORSIONAL ANGLE IN ASSY.	60°(APPROX)
BODY LENGTH (REF.)	10.8 mm
NUMBER OF ACTIVE COILS	5.25
SPRING RATE, N-mm/Degree	6.28
DIRECTION OF COILING	RIGHT HAND

NOTE:

- MATL. COLD DRAWN STEEL WIRE
GRADE-3 AS PER IS 4454(PART-1)1981
- ZINE PLATING WITH YELLOW
PASSIVATION AS PER PS-586

<SC> :SIGNIFICANT CHARACTERISTICS										▽:CRITICAL CHARACTERISTICS										
BREAK SHARP CORNERS MAY BE EITHER A CHAMFER OR A RADIUS FROM 0.2 mm MIN. TO 1.0 mm MAX.										MAHINDRA & MAHINDRA LIMITED										
UNSPECIFIED TOLERANCES AS PER ISO-2768-1:1989										TRACTOR DIVISION										
DIMENSIONS										KANDIVLI(EAST), MUMBAI 400 101, INDIA.										
L LINEAR IN mm.		OVER UPTO	0.5 3	6 30	120 400	1000 2000	2000 4000	E.R. / PROC.REQ.NO :				PART NO. :								
f FINE (X.XXX)			±0.05	±0.05	±0.1	±0.15	±0.2	±0.3	±0.5	-	ER14C0002710				007610792C1					
m MEDIUM (X.XX)			±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	PART NAME :									
c COARSE (X.X)			±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	±4	TORSION SPRING MSTAR									
v VERY COARSE (X)			-	±0.5	±1	±1.5	±2.5	±4	±6	±8	MATERIAL :									
ANGULAR IN deg.		OVER UPTO	LENGTH OF SHORTER SIDE OF THE ANGLE IN mm.								HEAT TREATMENT :									
			-	10	50	120	400	SEE NOTE				-----								
f FINE (X.XXX)			±1°	±0°30'	±0°20'	±0°10'	±0°5'	CAD ENGG.												
m MEDIUM (X.XX)			±1°30'	±1°	±0°30'	±0°15'	±0°10'	DESIGNER												
c COARSE (X.X)			±3°	±2°	±1°	±0°30'	±0°20'	CHECKER												
v VERY COARSE (X)								APPR.BY												
PART OF THIS DRAWING / DOCUMENT SHOULD NOT BE REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT WRITTEN PERMISSION OF M & M LTD.										NAME		SIGN		DATE		FIRST USED TRCR. MODEL				
COMPUTER GENERATED DRAWING DO NOT CHANGE MANUALLY										PAB				24/1/14		MSTAR				
IF IN DOUBT, ASK										PP				24/1/14		SCALE 2:1				
DO NOT SCALE										DSK				24/1/14		SHEET 1 OF 1				
DRG SIZE :										ST				24/1/14		UNIT QTY. : 1				
ALL DIMENSIONS ARE IN mm.														24/1/14		WEIGHT : 0.008 kg.				
CHECK DRG WITH LATEST CHANGE																				

ER14C0002710

AA

1.PRODUCTION RELEASE

PP

ST

SNR

17/07/14

E.R.NO.

LET

LOC

REVISIONS

DSNR

CKR.

APPR.

DATE